

20030213-PCT

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## PCT REQUEST

Original (for SUBMISSION )

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	20030213-PCT
I	Title of Invention	GAN-BASED PERMEABLE BASE TRANSISTOR AND METHOD OF FABRICATION
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
II-5	Address	65 Spit Brook Road Nashua, New Hampshire 03061 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	603-885-7702 /
II-9	Facsimile No.	603-885-2167
III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	GUNTER, Liberty, L.
III-1-5	Address	20 Roosevelt Avenue, Apt. 12 Hudson, New Hampshire 03051 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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III-2	Applicant and/or inventor	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	CHU, Kanin
III-2-5	Address	9 Sweet William Circle Nashua, New Hampshire 03062 United States of America
III-2-6	State of nationality	CN
III-2-7	State of residence	US
III-3	Applicant and/or inventor	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	EDDY, Charles, R., Jr.
III-3-5	Address	9402 Slow Rain Way Columbia, Maryland 21046 United States of America
III-3-6	State of nationality	US
III-3-7	State of residence	US
III-4	Applicant and/or inventor	
III-4-1	This person is	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	MOUSTAKAS, Theodore, D.
III-4-5	Address	26 Rockybrook Road Dover, Massachusetts 02030 United States of America
III-4-6	State of nationality	US
III-4-7	State of residence	US
III-5	Applicant and/or inventor	
III-5-1	This person is	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	BELLOTTI, Enrico
III-5-5	Address	23 Acton Street Watertown, Massachusetts 02472 United States of America
III-5-6	State of nationality	US
III-5-7	State of residence	US

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	MALONEY, Neil, F.
IV-1-2	Address	Maine & Asmus PO Box 3445 Nashua, New Hampshire 03061-3445 United States of America
IV-1-3	Telephone No.	603-886-6100
IV-1-4	Facsimile No.	603-886-4796
IV-1-5	e-mail	Patents@MaineandAsmus.com
IV-1-6	Agent's registration No.	42,833
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	ASMUS, Scott, J. (42,269); MAINE, Vernon, C. (37,389); CERNOTA, Andrew, P. (52,711); LONG, Daniel, J. (29,404)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	04 December 2003 (04.12.2003)
VI-1-2	Number	60/527,238
VI-1-3	Country	US
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	1	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	